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Art Unit 2115
Serial No. 10/816,545

Reply to Office Action of: September 28, 2006
Attorney Docket No.: K35A1501

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claim

1. (original): A method for remotely power cycling a peripheral data storage system from a host system, the method comprising:
powering-up the peripheral data storage system from the host system based on a host-scheduled backup operation;
transmitting pre-selected data to the peripheral data storage system from the host system based on the host-scheduled backup operation; and
powering-down the peripheral data storage system from the host system based on the host-scheduled backup operation.
2. (original): The method of claim 1, wherein the powering-up is performed periodically at a pre-scheduled time corresponding to the host-scheduled backup operation.
3. (original): The method of claim 1, wherein the powering-up further comprises:
transmitting a power-up command to the peripheral data storage system for powering-up of the peripheral storage system.
4. (original): The method of claim 1, wherein the powering-down further comprises:
transmitting a power-down command to the peripheral data storage system for powering-down of the peripheral storage system.

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5. (original): The method of claim 1, wherein the powering-up further comprises:
supplying operating power to the peripheral data storage system from the
host system.
6. (original): The method of claim 5, wherein the powering-down further
comprises:
ceasing the supplying of operating power to the peripheral data storage system
from the host system.
7. (original): The method of claim 1, wherein the powering-down further
comprises:
determining if the transmitted pre-selected data were stored in the peripheral
data storage system prior to the powering-down the peripheral storage
system.
8. (original): The method of claim 1, wherein the peripheral data storage system
comprises a peripheral data storage device, a peripheral system controller, and a
peripheral system controller host interface adapted for communication with the
host system.
9. (original): The method of claim 8, wherein the powering-up comprises
powering-up the peripheral storage device.
10. (original): The method of claim 8, wherein the powering-down comprises
powering-down the peripheral storage device.
11. (original): The method of claim 9, wherein the powering-up further comprises:

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transmitting a power-up command to the peripheral data storage system for powering-up of the peripheral data storage device.

12. (original): The method of claim 11, wherein the power-up command causes the peripheral data storage system to supply power to the peripheral data storage device from an external power supply source.
13. (original): The method of claim 10, wherein the powering-down further comprises:
transmitting a power-down command to the peripheral data storage system for powering-down of the peripheral data storage device.
14. (original): The method of claim 13, wherein the power-down command causes the peripheral data storage system to cease a supplying of power to the peripheral data storage device from an external power supply source.
15. (original): The method of claim 8, wherein the peripheral data storage system comprises an external disk drive system and wherein the peripheral data storage device is a disk drive.
16. (original): The method of claim 1, wherein the host system comprises a host data storage system and wherein the pre-selected data resides in the host data storage system.
17. (original): The method of claim 1, further comprising: configuring the host-scheduled backup operation in the host system prior to the powering-up.

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18. (original): The method of claim 17, the configuring further comprising:
pre-selecting a portion of host data for the host-scheduled backup operations of
the selected portion to the peripheral data storage system.
19. (original): The method of claim 1, wherein the host system is adapted for
communication with the peripheral data storage system via a universal serial bus
(USB) cable.
20. (canceled)
21. (original): A method of operating a peripheral data storage system for use with a
host system configured to perform scheduled backup operations to the peripheral
data storage system, the peripheral data storage system comprising a peripheral
data storage device, a peripheral data storage system controller, and a peripheral
data storage controller host interface adapted for communication with the host
system, the method comprising:
powering-up the peripheral data storage system based on a host-scheduled
backup operation;
receiving data from the host system for storing in the peripheral data storage
device; and
powering-down the peripheral data storage system based on the host-
scheduled backup operation.
22. (original): The method of claim 21, wherein the powering-up is performed
periodically at a pre-scheduled time corresponding to the host-scheduled backup
operation.

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23. (original): The method of claim 21, wherein the powering-up further comprises:
receiving a power-up command from the host system for powering-up of the peripheral data storage system.
24. (original): The method of claim 21, wherein the powering-down further comprises:
receiving a power-down command from the host system for powering-down of the peripheral data storage system.
25. (original): The method of claim 21, wherein the powering-up further comprises:
receiving operating power from the host system.
26. (original): The method of claim 25, wherein the powering-down further comprises:
ceasing the receiving of operating power from the host system.
27. (original): The method of claim 21, wherein the powering-down further comprises:
determining if the received data were stored in the peripheral data storage device prior to the powering-down the peripheral data storage system.
28. (original): The method of claim 21, wherein the powering-up comprises
powering-up the peripheral data storage device.
29. (original): The method of claim 28, wherein the powering-down comprises
powering-down the peripheral data storage device.

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30. (original): The method of claim 28, wherein the powering-up further comprises:
receiving a power-up command from the host system for powering-up of the
peripheral data storage device.
31. (original): The method of claim 30, wherein the power-up command causes the
peripheral data storage system to supply power to the peripheral data storage
device from an external power supply source.
32. (original): The method of claim 27, wherein the powering-down further
comprises:
receiving a power-down command from the host system for powering-down of
the peripheral data storage device.
33. (original): The method of claim 32, wherein the power-down command causes
the peripheral data storage system to cease a supplying of power to the peripheral
data storage device from an external power supply source.
34. (original): The method of claim 21, wherein the peripheral data storage system
comprises an external disk drive system and wherein the peripheral data storage
device is a disk drive.
35. (original): The method of claim 21, wherein the peripheral data storage
controller host interface is adapted for communication with the host system via a
universal serial bus (USB) cable.
36. (canceled)

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37. (original): The method of claim 21, wherein the peripheral data storage system controller is a bridge controller and wherein the peripheral data storage controller host interface is a bridge controller host interface.
38. (new): A method for remotely power cycling a peripheral data storage system from a host system, the host system comprising a disk drive, the method comprising:
- powering-up the peripheral data storage system from the host system based on a host-scheduled backup operation;
 - transmitting pre-selected data to the peripheral data storage system from the disk drive of the host system based on the host-scheduled backup operation; and
 - powering-down the peripheral data storage system from the host system based on the host-scheduled backup operation.

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39. (new): A method of operating a peripheral data storage system for use with a host system comprising a disk drive, the host system configured to perform scheduled backup operation from the disk drive to the peripheral data storage system, the peripheral data storage system comprising a peripheral data storage device, a peripheral data storage system controller, and a peripheral data storage controller host interface adapted for communication with the host system, the method comprising:
- powering-up the peripheral data storage system based on a host-scheduled backup operation;
 - receiving data from the disk drive of the host system for storing in the peripheral data storage device; and
 - powering-down the peripheral data storage system based on the host-scheduled backup operation.